

1. A calcium-binding protein comprising an amino acid sequence which is substantially identical to the amino acid sequence listed in SEQ ID NO: 1 or 12.

3. A protein or peptide which is a portion of a protein according to Claim 1.

5. DNA encoding a protein according to Claim 1.

15 7. A recombinant DNA molecule comprising DNA
according to Claim 5 which is linked to a gene regulating
factor.

9. An expression vector comprising a recombinant molecule according to Claim 7.

11. Recombinant host cells according to Claim 10, wherein the host cells are eukaryotic cells or prokaryotic cells.

13. Recombinant host cells according to Claim 12, wherein said bacterial cells are of *Escherichia coli*.

15. Recombinant host cells according to Claim 11,

wherein said eukaryotic cells are plant cells or animal cells.

16. A method for producing a calcium-binding protein according to Claim 2, characterized by isolating said protein from bovine amniotic fluid or bovine tissue, or a human tissue.

17. A method for producing a protein according to Claim 1, characterized by culturing host cells transformed with an expression vector comprising DNA encoding said protein, and collecting said protein from the culture.

18. An antibody with binding affinity to a protein according to Claim 1.

19. An antibody according to Claim 18, which is a
15 polyclonal antibody or monoclonal antibody.

20. A hybridoma which produces a monoclonal antibody according to Claim 19.

21. A method for producing a monoclonal antibody
with binding affinity to a calcium-binding protein,
20 characterized by culturing a hybridoma producing said
monoclonal antibody.

22. A diagnostic agent for inflammatory diseases, neoplastic diseases (especially squamous epithelial carcinoma), dermatosis or blood diseases, which comprises an antibody according to Claim 18.

23. A calcium-binding protein assay reagent comprising an antibody according to Claim 18.

24. An assay method for a calcium-binding protein, characterized by using a reagent according to Claim 23.